

Human Tenascin C ELISA Kit | TNC elisa kit

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CATALOG #
AAA263091

REACTIVITY
Human

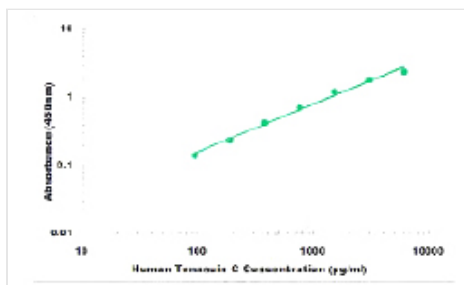
PRODUCT SYNONYMS

Tenascin C; Human Tenascin C ELISA Kit; HXB; Tenascin; TN; Cytotactin; GMEM; GP 150-225; Glioma-associated-extracellular matrix antigen; Hexabrachion; JI; Myotendinous antigen; Neuronectin; Tenascin-C; TN-C; TNC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human Tenascin C ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Tenascin C proteins within the range of 93.7 pg/ml - 6000 pg/ml.
Sequence Length	2201
Samples	Cell Culture Supernates, Serum, Plasma, Urine
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNC elisa kit	Principle of the Assay: The Human Tenascin C ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Tenascin C in Cell Culture Supernates, Serum, Plasma, Urine. This assay employs an antibody specific for Human Tenascin C coated on a 96-well plate. Standards and samples are pipetted into the wells and Tenascin C present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Tenascin C antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Tenascin C bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background: Tenascin C (TN-C) is a glycoprotein that in humans is encoded by the TNC gene. It is expressed in the extracellular matrix of various tissues during development, disease or injury, and in restricted neurogenic areas of the central nervous system. Tenascin-C is the founding member of the gene family (Tenascin). In the embryo it is made by migrating cells like the neural crest; it is also abundant in developing tendons, bone and cartilage. TN-C clearly plays a role in cell signaling as evidenced by its ability to be induced during events such as trauma, inflammation, or cancer development. Also, TN-C is important in regulating cell proliferation and migration, especially during developmental differentiation and wound healing.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153946395
NCBI GeneID	3371
NCBI Accession #	NP_002151.2
NCBI GenBank Nucleotide #	NM_002160.3
UniProt Accession #	P24821; Q14583; Q15567; Q5T7S3; C9IYT7; C9J575; C9J6D9; C9J848
Molecular Weight	171,360 Da
NCBI Official Full Name	tenascin
NCBI Official Synonym Full Names	tenascin C
NCBI Official Symbol	TNC
NCBI Official Synonym Symbols	GP; JI; TN; HXB; GMEM; TN-C; DFNA56; 150-225
NCBI Protein Information	tenascin
UniProt Protein Name	Tenascin
UniProt Gene Name	TNC
UniProt Synonym Gene Names	HXB; TN; TN-C
UniProt Entry Name	TENA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.